

Field Trip No. 19

Tasmania

6 January - 3 February, 1948

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[Plant determinations by Nancy Burbidge]

6/1/48. 3536. Burnie. 538. *E. ovata*,

Phaulacridium vittatum,

Acacia melanoxylon, *Melaleuca* sp.,

cleared & uncleared, former with dense

1-1½ ft. pasture, some bracken & bramble.

Basalt, on steep slope & adjacent flat.

Austroicetes vulgaris (n)

3540 Somerset. 544. Somewhat

Homandra longifolia

swampy sandy podzol with ~~2-3~~

(spec.), myrtaceous shrubs, saplings

of *E. ovata* & another euc. with narrow leaves

Predmura pedicatis (n)

3548 Wynyard 549. Heath, with euc.

Austroicetes vulgaris (n)

saplings, prob. originally heath under

woodland. Numerous shrubs, *Leptosiphon*,

Cyperaceae. Sandy humus soil. *Phaul.*

Phaulacridium vittatum (n), *Excoecaria imbricata* (n)

558. Thinned wet sclerophyll forest, with

Paratettix argillaceus (R), *Tasmaniaensis* sp.

good growth of small shrubs beneath,

on pale sandy soil, a few hundred

(N)

yards to right of main road. 559. Myalla

turn-off. 561. Myalla. 566. Mile to W of

(obliqua)

(regland)

Mitakena. Cleared from a large euc.

Paratettix argillaceus (R), *Tasmaniaensis* sp.

+ *Nothofagus* sp. Undergrowth of

Myrtaceous shrubs, bracken, ferns,
etc. Basalt.

3573. Ret. to main rd. 3575. Heath, with
Phaulacridium uittatum, *Ecarna* narrow-leaved *includens* (n)
Xanthorrhoea & stunted *Leuco.* in place,
Tasmanian sp. *Hemaris*
on hill-slopes. Podzol on low range.

3606. Smithton.

7/1/48. 3607. Smithton. 3610 Heath, 1-3 ft.,
Phaulacridium uittatum, *Tasmanian* sp.
with *Restionaceae* & *Cyperaceae*, on
obliqua
swamp soil. 3617. Uncleared *Segnans* (?)
[*E. obliqua*] *Chortocites hernimifera* Blackwood,
(spec.) with occ. *Nothofagus* & other
(WSF)

tall undergrowth, ferns. No *Acrids*.

Also partly cleared: no *Acrids*.

Completely cleared ditto, with good
low grass pasture, some bracken,
some bare spaces. Podzol. *Phaul.*
Chortocites hernimifera

3626. Roadside built up from Milaleuca
swamp. Grasses & herbaceous

dicots. *Phaul.* (n). 3636. Cleared from
WSF on basalt. Short pasture of
grass & other herbs, bracken, *Cassinia*
shrubs. *Phaul.* (n). 3640. Morrawah

1-3 ft. *Phaulacridium uittatum* (n),
3642. Heath & stunted trees to 12 ft.

Ecarna includens (n), *Paratettix argillaceus* (R),
on white sand (humus podsol).
Tasmanianus sp.

Return to Marrawah Smithton
3678 Smithton. 3681. Heath with *Ecarna includens* (n)

lenthon grass (?), 1-3 ft., scattered ^{Phaul.} lucos.
in depression. Water-filled pits frequent.

3688. Montague 3693. Turn round.

Austroicetes vulgaris (n)
Heath with some lenthon grass, 1-2 ft.

Adjacent same trees as at 3681 x
[? *E. taenicola*]

3642 (sample).

Smithton-Corinna. 8/1. 3709. Smithton.

Phaulacridium vittatum, *Austroicetes*
3725. Sea to left, fringed with tall
vulgaris tussocky grasses. Slope to right
leading to DSF. of *obliqua* (?) with ^{low} shrub
understorey 1-5 ft., lower thinner on

top of rise. *Ecarna*. 3752. Wynyard.

3762. Completely cleared basalt, hilly.

Fairly short continuous grass pasture.

Phaul. Beech + blackoaks in vicinity.

Yolla 3764

Acquisitive turn off 3774

Phaulacridium vittatum (n)

3776. Thinned + cleared from *E. obliqua*,

Acacia dealbata + beech. Dense low

grass, ferns, tall shrubs. WSF.

3801. Waratah. 3842. Corunna. Cleared
Phaulacridium uittatum
from beech-blackwood along Peman

R. Tall grasses + Cyperaceae, black-
berries, bracken. 3855. WSF. with luc.
E. salicifolia

with very narrow leaves, smooth
shal-gray bark except platey bark
basal 10ft. Tangled mass of *Banera* (?)
beneath to 12ft. *Myrsine* *fragrans* *Paidmura* *calymna* (H)

alongside road. 3857. Heath, with
pedestris [*Banera rubioides*]
lutter grass & *Banera* (?) on hills.
[*E. salicifolia*]

Spec. of luc seen at previous top &
of *Banera* (?). 3861. Ditto.
Paidmura *calymna* (H) *pedestris*

9/1/48. 3885. Waratah. 8.30am 29.20".

3889. 9.30am 29.10" *Russalpia albertisi*,
Tasmaniacris sp. *E. gigantea* and a

smaller one. with smooth grey
upper bark, a little rough at base, &
small leaves (samples). Considerably
thinned, now with dense *Poa tussock*,
intermediate?

occ. small shrubs. 3893. 10am 29.13".

Russalpia albertisi, *Tasmaniacris* sp.
As before, but with large narrow-leaved
luc. with rough bark basal half,

smooth grey above, occasional
(sample of juveniles), + butterfly
iris numerous. 3895. 10.30 am 29.18".

Virgin beech forest, with ferns + a
[Celery-top pine = *Phyllocladus rhomboidalis*]
limited amount of undergrowth.

Also cleared beech around creek, with
grass, rushes, etc. No Acrids.

3911. Donah. 3919. Cleared from *E. obliqua*,
blackwood + *A. dealbata*. Short grass,
bracken, few shrubs (*Cassinia*). ~~No~~

Phaul (n) ~~Acrids~~. Basalt. 3927. Higholene. 3931.

Ridgley. 3932. Cleared from a ~~cree~~.
and blackwood. 2ft. grass pasture
with bracken + blackberry on basalt.
No Acrids.

Burnie 3939. 3942. Stunted ^{to 15ft.} ~~cree~~ of mainly
Phaulacridium vittatum, *Cirphula pyrrhocnemis*,
obliqua, on very steep stony slope.
Exarna includens
Heath, 1-4ft. underneath. Podsol.

Penguin 3951. 3954. Small headland
with grass + bushes of *Acacia* sp. +

Myoporum sp. fringing sea. Phaul.

Liverstone 3958. 3969. Stunted obliqua,

[*E. ? salicifolia*]

ovata + a peppermint (spc.), also a
Eucalyptus muscicus (n), *Phaullocladum*
Casuarina (or regrowth from these
cuttatum, *Austrodictya vulgaris*
 spp.), with small + larger shrubs,
grass, rises underneath. Eucalyptus.
Podsol.

Devonport 397.

10/1.

Cradle Mt. 11.30 am 27.18" at Waldheim
lunch site 2.15 pm 26.12". Summit saddle
25.25", 4 pm. Latrobe 10.30 pm 30.09".

3969 + : Tree-line, Cradle Mt.

Eucalypt lying between coccifera +
tasmanica according to Brett's Key,
tasmanica being regarded by Brett as
a hybrid.

18/1. Devonport 11 am. 30.22". Lullmoor

12.0, 29.35". Waldheim 1.30 pm 27.15"

Russalpia longifolia

4178. Waldheim. Community of rushes

+ grasses, a small fern in patches,
(Cradle Valley)
lullmoor grass rare, in valley

[*E. subcuneolata*]

immediately below chalet. 4179.

Tasmanianensis sp.

E. gigantea, *Coccyzus*, the other one
from chalet, ^a [*E. divaricata*]
~~the~~ new one (Spind.)

Trees to 50 ft. Ground cover of
shrubs (1-2 ft), grasses, etc. 2.30.

27.22". 4180. 2.45. 27.27". Rush plain, ^{on flat}

Russalpia longifolia

with lullmoor grass strongly predominant

4185. 3.30. 27.54". Alpine
Russalpia albertsi near
woodland with one noted at Waratah

with *gigantea*. Grass scattered
small shrubs. *Richea scoparia* [?] in

small swamps. 4193. 4 pm 27.87"

Paratettix argillaceus (R), *Tasmanianensis* sp.

Two euc., one tall, smooth, mottled
grey, prob. orig. W&F - alpine woodland
ecotone. Plenty of *Poa*, some small
shrubs.

Wilmor. 29.82 4208. 11216. 5pm. 29.20"

WSF obliqua-viminalis, dense
tall shrubs, bracken.

12/1

4243. Latrobe. 4249. Sassafras.

Phaulacridium vittatum, *Goniaca*

4253. Thinned, thicket in past, from
australasiae, *Austroicetes vulgaris* (?DSF), small
obliqua, viminalis & ovata, small
Parakeetia argillaceus (R), *Tasmaniacris* sp.

shrubs of *Acacia* spp. & others, sparse
grass, little blackberry, considerable
fallen litter, some bare ground.

4263. Elizabeth Town. 4265. Cleared from
Austroicetes
vulgaris

?WSF. Only remaining trees a few *Acacia*
dealbata. Short grass with occ. shrubs.
to 3ft. & numerous large tussocks of
white iris. Also a patch of dense
Themeda. Basalt hill slope. *Phaul*.

4270. Deloraine. 29.52. 4275. Thinned
from WSF of ovata, viminalis & a narrow-
leafed peppermint with tall shrubs of
Leptospermum & small trees of *A. dealbata*.
Ground cover of grasses, including
Themeda, & tussocks of *Lomandra* " *Dracodes*". No
Acacia.

+ Phaul

Quamby's. Russalpia at 27.80".

50 ft. from summit: 26.22". Bottom:
28.42"

13/1. 4299. Breona. 9.30 am 26.60". 4300.

Monistria flavogranulata huguiniae (n)(R), *Tasmanian*
high moor with shrubs to 1-2 ft., rushes,
sp., *Russalpia albertisi*, *Koziuscola tasmanicus* (R)
Richea scoparia, & cushion plants. Low-

lying swampy area leading to slopes
of rocky hill with low gigantea.

4311. Very short grass & shrubs to 6" on
flat to gently rolling country with
numerous depressed bare patches, &

numerous stones. ~~27.05"~~ 10.20 am
[*E. pauciflora*]

No Perid. 4327. 11.30 am. 27.12. *Pauciflora*
Phaulaeridium vittatum *Tetrix collina* (R)

(?) (spec) & a rough barked sp. forming
Monistria flavogranulata huguiniae (atyp.) (R)(n), *Russalpia*
alpine woodlands on gentle slope.
albertisi, *Koziuscola tasmanicus* (R)

Lower part of slope free from trees,
occupied by shrubs to 1 ft. with
rushes & grass. New species mainly
from patches where burning had
increased large rushes & grass &
almost eliminated shrubs. 4338.

Monte. 4329. 12.30 P.M. 27.90" (This also
 for Monte): Community of dense foliage
 [E. aggregata] *Maulacridium vittatum*,
 etc. (Sample) apparently, interspersed
Kosciuscola tasmanianus (R)
 between low woodland and
 passing into bushy grassland at
 bottom of valley. A. *M. vittatum* 3-4 ft.
 prominent amongst trees, which
 were cleared completely in parts.

4350. Dec. 27.96(2), ~~11~~ 1 P.M. 4373.

Schizobothrus flavovittatus (N),

Dec. 4374. Grassy low woodland, with
Maulacridium vittatum, *Brachyscarus laticarpus*,
 1 ft. dense grass pasture, Dec. Sample
Austroicetes pusilla (N), *A. vulgaris*, *Paratettix argillaceus*
 Patches short grass, etc. below, with
 (N) (R)
Cyperaceae.

Hamilton 4383. 4374. Stipa - *Danthonia*
M. laticarpus *M. vittatum*, *Brachyscarus laticarpus*,
 grassland on hill slope, partly wooded.
Paratettix argillaceus, *Austroicetes pusilla*, *A. vulgaris*
 Pasture short, in places sparse:

Almyracris hartei

Toward top of rim, few low shrubs
 present. *Maulacridium vittatum*

4404. *Haemaphysalis*
Brachyscarus laticarpus [E. *lunaticus*]

Grassy, *lunaticus* & another etc.

Austroicetes vulgaris, *Monistria flavogranulata* (N) (R)

(Spec.) *Acacia dealbata* with

A. dealbata (?) (Spec.), etc. *Bursaria*.

short & 1 ft. grass on steep slope.

5pm. 30.24°

15/1. 4446 Hobart. 4451. Berrisdale.

Brachyparna lolipennis, *Macrotona*

4452. Ovals & another loc., with much

maculalis

greater amount of *Acacia mollissima*?

[*Casuarina stricta*]

Bursaria & *Casuarina* sp. (Spec.), all to

2 ft. fracture, coarse shape, thin

ca. 2 ft. Phaul., N. vulgaris. 4457.

Bridgewater. 4462. Pontville. Rubida &

[*E. linearis*]

a very narrow, leafed *Peppercorn* (Spec.)

Phaul. latidivium with *Acacia*, *Brachyparna lolipennis*,

in deep water with *Acacia*, *Macrotona* &

Macrotona maculalis, *Macrotona vulgaris*

Macrotona 2 to 6 - ft. grass, mainly

Paratettix argillaceus (R)

a coarse shape & *Themeda*. 4467. Bagdad.

4472. Probably natural grassland on

rolling slopes. Very nice. Ovals &

paniflor. 9" fracture, dense. No *Brach.*

4473. Rempton. 4477. Melton Mowbray.

Cryptobothrus, *Chrysophorus*, *Oedalus*

4471. *Brachyparna* woodland & *Acacia*

maculalis (R)

[*E. linearis*]

in *Acacia* & *Acacia* other *Acacia* with

Phaul. latidivium with *Acacia*, *Brachyparna lolipennis*,

in deep water (T. 100). *Macrotona* mainly

Macrotona maculalis (R), *Macrotona* (R),

in the open *Brachyparna* to 7, with

Macrotona vulgaris, *R. linearis*, *Paratettix argillaceus* (R),

Macrotona 2 & *Cypripedium* in low

Acacia sp. *Romandra*

exposed, & *Scadoxus* on top of hill, where

grass is not the most common

Homandra
~~among~~, & *Macrotoma* among latter.

4490 - Gericho, 4493. Pauciflora in
 [Trifolium subterraneum]
 [Vulpia bromoides] of ryx-grass, clover
 4494.

Barbado. 4499. Cane Garden. 4502.
Cryptobothrus chrysophorus, *Brachysaena*
tripennis, *Goniaca australasiae*, *Monistria*
flavogranulata (typ.) (R)

Phaulacridium *cinereum* (n), *Brachypogon*

22-71 - *uniflora savannah*
lobipennis, *Austroicetes pusilla* (N.), *A. vulgaris*,
 woodland on flat with 9 *Eanthonia*
Mimopyxis near
 Poa - Stipa rather open pasture. A.

pusilla, Paul. 4513. Timbridge. 4521.
~~pusilla~~
Sparse short grassland on steep

steep slope with numerous small
patches bare ground. 4527. Ross.
Macrotermes australis (?), *Microdictes vulgaris*,
4528. Savannah woodland of *minialis*

A. fater, *Paratettix argillaceus* (n) (R) ~~f. minor~~
and *viminalis* var. *Huberiana* with A.

dealbata. Areas of Themeda, Poa &
Danthonia. Phaul. 4530. Campbelltown
4538. Conara Junction ^{left} 4555. Conara ^{scars}
^{includes} Junction. *E. minimalis* & a ^{very} narrow-
leaved peppermint in a community
intermediate between DSF & woodland.
Trees closely spaced, ~~grass~~ with
some low small shrubs, ^{Leomandra} ~~side~~
& scattered grass, & taller shrubs of
A. dealbata. *A. vulgaris*, Phaul. &
Macrotona, the two former along grassy
edge of roadside with mainly Themeda.

4576 Path. 4583. Grassland, 9" on
gentle slope to watercourse bearing
tall *cyperaceae* & *Phragmites*. Black
soil. No *Aeris*. 4589. Lanceston.

4591 Lanceston 4619. Mt. Barrow (summit.)
3.30 pm 24.9" at hut. Blue & red hoppers
mainly among talus. Usual alpine
shrubs, *Asclepias*, *Poa*, *Alnus* (?) occ.
4620. Ca. 500 ft. lower down. Similar

shrubs plus occ. *Nothofagus*. 4621
Virgin & cleared *Nothofagus-sassafras*.
A. dealbata. No *Acrids*. 4628. Return to
main road. 4636. *E. regnans*, *A.*
Phaul. aspidium ~~*mitis*~~
dealbata, *Dicksonia*, other gully species.
Phaul. in grass & blackberries along
road.

17/1. 4655. Scottsdale. 4680. Wakehouse
estate. Turn round. Heath, with the
usual shrubs etc., with ^{to 3ft.} ~~*Scaevola*~~ ^{*Lomandra*}. Shrubs
Gastromargus musicus (x), *Macrobena australis* (x),
& *Banksia* sp. frequent to 10ft., *E.*
Pachura pedestris, *Cordia australis*, *Austroicet*
paniculata, is about same height, occ.
vetulgaris, *Tetrix collina* (R)

Phaul., ~~*vetulgaris*~~ *Exuma*. 4684. Very
Cyphura pyrochloa, *Pachura pedestris* ~~*exuma*~~
similar to last, but *Banksias* taller
includens, *Mimosa* ~~*exuma*~~
(to 15ft.) & *paniculata* replaced by a *vetulgaris*, *Phaul.*

peppermint. *Xanthorrhoea* in patches
Cryptobothrus chrysophorus, *Gastromargus*
4696. Bottom grass (dom.) with other
musicus (x), *Pachura pedestris*, *Austroicetes* ~~*vetulgaris*~~
Cyperaceae, low ferns, occ. small
shrubs, in swampy depression
bordered by *minimatis* & *vetulgaris* peppermint
with 2-3ft. shrubs, mainly *Casuarina*.
Exuma, *Phaul.*, 4702. Farther.

4718 Derby

Paratettix argillaceus ⁿ(R)

4725 Moorina 4730. Cleared from oblique-

A. dealbata W.S.F. Much dead *A. dealbata* left.

Blackberry, bracken, myrtaceous shrub.
to 10ft., grass. *Phaul.* Odd *Nothofagus*.

Cipphula pyrrhocnemis, *Lonicera*
granite. 4755. D.S.F., almost completely open,
australasica (R).

resulting in something resembling
of *peppermint*, *Myrt.* *Silene* and
leath with frequent trees. *Lanthorn*.

granite. *Excarna*, *Phaul.* 4760. St.

Heleno.

4773.

18/1. *Scamander*. Proceed north. 4774.

Macrotona australis, *Cipphula pyrrhocnemis*,
Heath, with small *Lanthorn*, behind
Excarna includens, *Minyopsis nana*

coastal dunes. *Phaul.* 4775. *Scamander*
a smooth-barked tree, *Ca. marina*

4776. *Siebertiana*, D.S.F. with bracken,
Lomandra low *Cryptotaenium chrysophorum*,
Saxos. occ. shrubs, & much litter.

Benhowmond: Track starts 3 miles E.

of Storey's Creek. Tall gigantea, with
A. dealbata *Monistria flavogranulata*

Poa, bracken ferns. The *Monistria* was
trigammaria (atyp. X R)
obtained a few hundred feet above

this point, at an estimated altitude
of ca. 2500ft., in well-developed gigantea.
Summit: A flat depression with much

standing water, and rocky
surrounds. The usual alpine
shrubs, practically no Poa. Cushion
plants in the low-lying parts. The
blue & red species was seen (two
specimens) adjacent to the only
piece of talus investigated, but
not elsewhere.

- Austrocyrtis*
19/1. From Campbelltown: 4876. Black soil
subg. vulgaris
plain bearing fairly dense tussocky
Poa & Aristida. Rising to more compact
soil on slopes around. Apparently a
suitable *Chapt.* habitat, but none
seen. 4877. St. Mary's ham-off. 4887. Ovale-
Austrocyrtis *pusilla*, *A. subulparis*, *A. j. affinis*
annulatus var. woodland with *A. dealbata*
along small gutters. Short grass &
patches of Poa tussocks. *Phaul.* 4893
Macrotheca australis (*A. austrocyrtis*)
Booca. 4896. Slightly hummocky var. wood.
vulgaris, *A. frater*, *Panicum argillaceus* (?) (R)
A. annulatus, *ISF affinitus*. Very
short sparse *Danthonia* pasture,
low andro
large areas ~~scattered~~ & shrubs ca. 3-6".
(E. linearis)
Phaul. 4907. Very nt. peppermint (spec.),

A. dealbata

minimatis, very occ. paniciflora in
w. wood. with DSF. affinities. Very
short grass, some ~~scabrous~~ ^{Komandra}, gorse, bare
ground, litter. Phaul., vulgaris. 4911.

Kingal. 4916. Grassland with widely
scattered trees. & *A. dealbata*. Improved
pasture to 1ft., & low swampy areas
with cyperaceae. No *Acrids*. 4924. St.

Mary's. 4927. Rather open DSF. with ^{*Cryptocarpus chrysophyllus*}
peppermint (Prob. 2 spp.). & dense
canopy of 1ft. shrubs & litter. *Cryptocarpus*
mainly adjacent to road where
trees cleared & litter most. Phaul.

4937. DSF. *Luhmannia*, *Stylidium*, *Acrids*,
Parasitica, &
peppermint, *Acrids*, *Parasitica*, &
Komandra
~~scabrous~~, *Wacken*, *litter*, Phaul.

^{*Centropogon*} *Centropogon*, *Centropogon*, *Centropogon*,
4945. Heath where coastal dune,
leading up to disjunct DSF. with
[*E. salicifolia*] *Centropogon* sp. &
low nt. peppermint (to 20ft.) & *Phaul.*

minimatis, *Santhorrhoea*, Surat sp.
of Phaul., Macrotona, A. vulgaris.

4958. Bickens. Asphula. 4959. Dense, &

Leptocarpus tenuissimus, *Phacelacridium vittatum*,
in park almost pure, stand of *Themeda*
macrocarpa, *Macrotheca australis*, *Coprosma pyramidalis*,
in low-lying flat, ~~in~~ in places.

~~in~~ *Themeda* with shrubs to 2 ft., mainly
Myrtaceae, fringed by low nl peppermint
& *A. dealbata*
+ *minimilis*, with same shrubs.

Gonocarpus australasica (n), *Leaena aculeolata*,
4967. low DSF. of very nl peppermint
Austrobaileya vulgaris (n),
(upper branches cream & gray streaked)

+ *minimilis*, acc. *A. mollissimus*.
low Poa, low thin shrubs, *Lomandra*
~~2 m. tall~~

Shrub, at top of rise. 4970. Cranbrook.
20/1. *Austrobaileya parvifolia* (n),

5048. Swansea. 5052. Grassland on
Phacelacridium vittatum, *Austrobaileya vulgaris*,
low on the flat area behind track, or
Mimosa *havana* [*Stipa stipitata*] (Spec.)
sandy slope. Poa, *Stipa* sp. proc.

Lomandra
Themeda, ~~2 m. tall~~, small shrubs to
Paraklettia argillacea (n) (R).

Along roadside pure stand
Themeda, which, with Poa, probably
originally formed the dominant.

Cryptocarpus chrysophorus, *Brachycaea*,
5065. Thinned from globulus, *minimilis*,
Lolium, *Macrotheca australis*, *Austrobaileya vulgaris*,
nl peppermint, *ovata*, *A. dealbata*.
Lomandra *Brachycaea*

Poa, ~~2 m. tall~~. Phaul. 5079. Thinned from
Lolium
globulus sav. woodland, acc. *A. mollissimus*,
[*E. salicifolia*]
and a new glaucous-leaved peppermint

- (sample) *Poa*, ^{*Homandra*} ~~*2 nodes*~~, white iris
(occ.). *A. vulgaris* 5081. *Triplaris*.
5085. Oxford. 5089. ^{*Homandra australis*} ~~*Homandra*~~ *glauca* v. *peppermint*,
Phaullocladum vittatum
grey-topped v. *peppermint*, & *viridialis* in
20-25 ft. DSF on steep rocky slope above
R. Proser. ^{*Homandra*} ~~*2 nodes*~~, occ. low *A. dealbata*,
occ. small shrubs. *Phaul.*, *Cryptobothrus*
5096. Buckland. 5099. ^{*Cryptobothrus chrysophorus*} ~~*Homandra*~~ *Sav. woodland* of
~~*Homandra vulgaris*~~, *Monistria flavogranulata* in
Proser., grey-topped v. *peppermint*, *aphylla*,
f. flavogranulata
and *f. trigonata* (R.)
with small *A. dealbata*; *Homandra*
with large *Poa* ~~*2 nodes*~~ ^{*Homandra*}.
Phaul. 5110. DSF. on steep slope. *Glauca*,
peppermint, *viridialis*, species with
very glaucous upper branches & *viridialis*,
(found previously in midlands as *Sav.*
woodland), *obliqua*. Small *A. dealbata*,
Homandra
occ. small shrubs, ~~*2 nodes*~~, small
Poa. *Phaul.*, *A. vulg.* 5120. *Savell.* 5127.
^{*Homandra vulgaris*}
Cambridge. 5130. Largely cleared, but
with considerable regrowth, from
viridialis, v. *peppermint* with grey
upper branches, & glaucous midlands.

sp. Ground largely bare, some
grass. Phacel. 5134. Bellarine.

211. 5161. Sorrell. 5163. 6-9" pasture on
Parakethise argillaceus (n) (R)
black soil slope down to river. A.

ulgaris. 5166 Facett 5173. DSF. of obliqua,
grey-topped nl peppermint, cineraria &
ovata. Occ. Banksia sp. to 15ft. Under-
growth of bracken, ^{Lomandra} ~~scabro~~, & small
shrubs. Opening out into heath in a

swampy patch. 5176 Copping. 5183 Duncanson
Macrotoma mucronata (n), Phacelidium vittatum,
stunted cream & grey-streaked nl.
[E. villosifolia] Goniata australasica (n),
pepperm. (8 spec.) & ovata (both to 20ft.), occ.
Austroicetes ulgaris ^{Lomandra}
Casuarina sp., dense ~~scabro~~, occ.

shrubs, Thamnia, Danthonia. Macrotoma
5185 Mordunna. 5194. Globulus WSF. with tall
shrubs, ferns, blackberry. No Acrida.

5197 Eaglehawk Neck. 5201 E.H. Neck. 5214. Pt. Arthur.
[E. laevis]

5218. DSF. of obliqua, Myall sp. (8 spec.),
& hor.-so-narrow-leaved pepperm.
cineraria, with shrubs to 5ft., opening
into heath with 2ft. shrubs & casuarina.

5227 E.H. Neck. 5238. Open sev. woodland
^{Macrotoma australis, casuarina}
includes, Austroicetes ulgaris
of ovata & cineraria to 25ft. on wet soil.

shore of Forestier Park. Ground cover of
Sedges, Themeda, Gonolobus, Poa, Plant
5240 Dunally

22/1. 5289. Hobart. 5301 Branton. 5302. Shallas
Phaceladendron nitidum, *Macrorhynchus vulgaris*,
swamp along Derwent. Prognathos
next to river, followed by Cyperaceae &
Lepidosperma. No *Perid.* ~~etc~~ *Perid.*
collected in grass & weed along road in
adjacent slope near *A. mollissima*,
Casuarina sp. & *cas.* 5312 New Norfolk.

5319 Plenty. 5322. Clearing from *minimilis*,
Macrorhynchus vulgaris, *Phaceladendron nitidum*,
with frequent *A. dealbata*. 24. *Stipa*-
Macrorhynchus australis, *Macrorhynchus pusilla*,
Gonolobus pasture on steep north-
facing slope, All *Perid.* numerous.

5324 Bushy Park. 5325 Glenora. 5332 Westerway.

Macrorhynchus vulgaris
5334. Considerably thinned from ~~an~~ over-
all peppermint (prob. more than one sp.)
(specimens of fruit) & oblique, with *A.*
dealbata & *Eucalyptus*. *Themeda* & *cas.*
shrubs, bracken, *Salix*. Plant.

5337 National Park. 5347. Lake Dobson High
moor shrubs, *Asplenium*, *Richia*, etc. *Cycas*
[*E. Coccifera*]

King Billy [*Microcachrys tetragona*].
in patches, acc. ~~pine~~ ^{smaller}
[*Protheropodus* or *Proserpinaca*] - King Billy Pine]
conifer (scrub). 5348. Moor: shrubs &

Por. 5349 Lake Fenton & above, on slopes
of Mt. Tulsasch. Red & black species on
talus amongst *coccifera* to 15ft., at a
point probably a little below 4000 ft.
usual shrubs surrounding talus.

23/1. ~~182~~ 5422. Mt. Wellington (summit).

The usual alpine shrubs and ^{very} ~~get~~
rocks. A little *Proserpinaca*. Size 2.
¹⁰⁰⁻²⁰⁰ ca. 200ft. below summit on talus & adjacent
shrubs. Size 3. ca 250ft. below summit (?)
on talus with fair-sized (25ft.) *coccifera*.
Seen at Hoveden: *Exarosa*, *A. vulgaris*.

26/1

5561 Melton Mowbray

5564 Apsley. 5569. *Rubeda*, *cineraria*,
Brachycaena *colipennis*, *Macrotona australis*,
acc. *pauciflora* sav. woodland with
Microicetes *Proserpinaca* *A. vulgaris*, *A. proter*, *Panettia*
small *A. dialkata*. *Saxiles* in patches.
argillaceus (2)(R), 7
where cleared, a low, rich place open
growth of *Barbarea*. 5574 Belwell 5580
Brachycaena *colipennis*, *Austroicetes vulgaris*
Open sav. woodland of *Rubeda*,

minimalis & pauciflora. Opening into
grassland on lower part of slope. ^{large} *Themeda*
Poa, a little. *Themeda*: *cyperaceae*
Poa *brachycoma* in a low lying patch.

5590. Open sav. woodland of pauciflora.

Danthonia to 9", with some *Themeda*,
& patches of large Poa & *Cyperaceae*
tussocks. 5600. DSF. of *minimalis* &
brachycoma, *Monistria flavogranulata* to
already topped w/ peppermint. *A.*
rugosula (atyp.) (R), *Kosciuscola*
diabata, mainly small, occ. small
tasmanicus (R)
shrubs. Partly cleared. *Kosciuscola* in
short lush pasture in depressions on
cleared areas. Phaul. 601. Waddemana.

5602. Leave Road. 5607. Alpine woodland
with *brachycoma*, *brachycoma*, *minimalis* & another
[*E. aggregata*]. *Parastetose argillaceus* (R), *Monistria*
luc. (spec.). Numerous shrubs to 1 ft.
rugosula (atyp.) (R), *Kosciuscola*
tasmanicus (R)
with low Poa & other low green herbaceous

app. 5613. Junction with lake highway.
Monistria flavogranulata rugosula (R)
5615. Alpine woodland of a very limited
[*E. dioica*].
spreading euc with rough basal bark
Kosciuscola tasmanicus (R)
& with very mottled branches (spec.),
forming eastern fringe of an

extensive heath moos. Shrubs 1-2 ft.,
Poa, & other low green herbs. 5617.

Koziuscola tasmanicus (R)

Flat, with Poa & rushes in uniform
stand 3-9", plus, in part, shrubs to

6-12". Azalea were in cop, & carrying the
moth a-fay. 5619. Miema. 5660. Derwent

Bridge. ^{27/1} Climb to Mt. Rufus: from

Derwent B. to Lake St. Clair Chale L., 4
miles. From there to summit of Rufus,

4 1/2 miles. The new genus with medium

length wings was found amongst

2-3 ft. shrubs, mainly *Banera*, in

WSF & wet alpine woodland, dominated

by *gigantea*, *coccinea*, *glauca*, *lutea*, *perpetua*, & another species (spec)

with smooth bark beautifully

mottled with a ^{pale} brownish olive & dark

purple-grey. Altitude range of these

communities probably about 3700 to

3800, but this is prob. not significant,

the chief determining factor being

apparently tangled shrubs under

knives, especially Bauera. At about 4400ft. the new genus with clubbed antennae was found, not associated with Baker, but on rather open moor with scattered shrubs, ^{rocks,} & bare patches, usually stony. *Russalpia* ^{longhorn} was found to the summit, but *Tasmanianus* was absent or rare above 4000ft.

Description of specimen C: General ground colour deep purple-brown with silvery-white markings. Head above with thin white postocular lines, spreading inward somewhat along posterior margin of head. In side view with lateral facial carina & posterior margin of head white, except for most dorsal portions; other white markings behind lat. fac. Car. on gena beneath eye. Face with central portion of each margin of costal ridge white; lateral facial areas

white immediately above claspers.
Pronotum disk with narrow white
longitudinal stripes immediately
inside the lateral carinae anterior
to first transverse sulcus, and
broader longitudinal stripes inside
the lateral carinae posterior to the
second sulcus; a white spot, with
purpl. brown centre, around median
carina between 1st & 2nd sulci.

Lateral lobe with lower portion of
anterior margin, & greater part of lower
margin white; a broken white band
extending posteriorly from ant. margin
to 3rd sulcus & then diagonally to
posterior lower angle & continues on to
meso-episternum. Ridge on meta-episternum
white, & white spots on meso- & meta-
epimera towards posterior lower ends.
Abdominal tergites with rows of white
spots, especially a row of triangular
spots in posterior lower corners.

Head femur with a broad proximal, narrower medial transverse white band on infero-external surface-int. areas. Lower margin of extenso-median area, some of flexing base white, white. Lower margin of infero-internalar area mainly white. Lower margin of interno-median area ~~with~~ white corresponding to medial transverse band on upper surface. Infero-internal area, & lower part of interno-median area dull red in proximal $\frac{1}{2}$. Roae, extreme ^{macropterous}, base of hind tibia, brown. Eyes black. Underside mainly pale. Thoracic sterna whit grey around circumference, with irregular-shaped reddish-brown central area. Abdominal sterna mainly pale brown.

28/1

5667. Clement Bridge. 5669. Button grass plain, with button grass strongly predominant. plus other cyperaceae, etc. Poa. (surrounding higher ground)

leaves paniciflora alpine meadows,
5680. Beech, leatherwood, ^{massabias, Myrtocladia,} etc. rainforest,
part of it cleared showing left. regrowth,
with ferns. No Herbs. 5689. Button-
~~includer~~ grass, other Cyperaceae, etc. small
shrubs on one side (west) of steep
hill, Banera & leptospermum 2-4 ft.
on other. Dec. peppermint, in one
patch. 5693. Collingwood R. 5698. Greatly
~~Phaullocladum mitchellii~~ thinned from peppermint. Large tussocks,
of grass & short grass, patches Cyperaceae,
small shrubs Banera. 5708. Original
veg. unknown: destroyed by fumes from
Mt. Lyell mines. Regrowth of leptospermum,
blackwood to 4 ft., with bracken, tussocks,
Cyperaceae, grasses, etc. 5716. Conundrum
5721. Queenstown. 5725. Regrowth of a
wattle, other shrubs to 10 ft., with
a little bracken, & large tussocks of
coarse grass, & Cyperaceae in depression.
Developed on land denuded by mine
fumes. No Acids. 5739. Heath, with

button-grass & *Bauera*, 1-2 ft. No *Acris*.
Eucalyptus ~~included~~.

5748. Strahan. 5753. End of road to ocean

Phacelium ~~in~~ *Hamam* *Aurora* ~~in~~ *Hamam*

beach. Vegetated sand dunes with

[*E. Simonsonii*]

Para *leptoc*

eucalypt shrubs 2-3 ft (spec.), short

argillaceus (w) (R), *Mimosa* ~~near~~

grass, other small shrubs, & bracken.

29/1. 5783. Queens Town. 5796. Rain forest,

with *Podofagus*, *Phyllocladus*, *Myrica*

& young *horizontalis* ~~near~~. This ~~near~~

along roadside. No *Acris*. 5808. *Zealand*

Pectan *pedicatis* ~~(Eucalyptus)~~ *included*.

5820. Near Renne, about 1 mile from
(Return from here) ~~to~~ *Zealand* ~~sp.~~

the sea. *Heath* ~~to~~ 1-2 ft., with button

grass & occ. *Bauera*. *Russalia* ~~sp.~~

Phacel. 5824. Clives from peppermint.

shrubs to 2 ft., rushes, low *hard* ferns.

5830 *Zealand*

5855 *Q'tn*

30/1. 5908. Denacut Bridge. 5914. *Panicum* &

Calymphaea alpine woodland on

Koeliascola *tasmanicus* (R)

slope with shrubs to 1 ft & a little

Poa, leading down to a small

depression with mainly *Poa* & fine

[*E. discaricata*]

rushes, fringed with a small *ec.*

Kosciuscola mainly in the depression.

Phacelium ~~with the same~~

5921. Greatly thinned from woodland

[*E. aggregata* (L.) ~~var.~~] *Kosciuscola tasmanica* (R)

of ? *aggregata* (spec. from 3 trees). Very

short, heavily grazed grass & dicots, with

numerous large *Poa* tussocks, &

[*Olearia, lepidophylla*]

shrubs of a composite 6-10.

Talladum

5925 Bronte 5933. Gigantea, with occ.

Monistria flavo-graminea *lata* *bugandinae* (R) (var.)

Dalrympleana. The undisturbed forest

had no tall shrubs, but numerous

small shrubs to 1 ft., bracken to 2 ft.,

& a little *Poa*. 5937. Dec. 5944 Vict. Valley

Monistria flavo-graminea *lata* *flavo-graminea* *lata* (a typ.)(R).

Dalrympleana, a rough-barked sp.

[*E. aggregata*]

Kosciuscola

with small fruits (spec., & foliage of

tasmanicus (R)

presumed young tree 5 ft.), paniciflora,

? *minimialis*. Short *Danthonia*, &

Lomandra

tussocks of *2* ~~species~~, & more rarely of

Microstachys ~~lata~~

Poa. 5947 Osterly 5949. *Rubida-paniciflora*

A. p. l., *Monistria flavo-graminea* *lata* *flavo-graminea* *lata* (a typ.)(R),

woodland or DSF. Dec. *A. dealbata* (small).

spare

low/bracken, considerable bare ground

& litter. *A. vulgaris* in grass along roadside

5960. Onze. 5970. Hamilton. 5970 Broadway

turn off. 5978. *obliqua*, *minimialis*, ? *Dalrym.*

W
in ~~WSF~~ (?) with small *A. dealbata*, *A.*
monistria flavogramulata *trugauinae* (atyp) (R), *Tasmaniae* sp.,
melanoxylon, *Exodes*, bracken, grasses.
Ruosselia albertsi

Oec. *ovata* + *paniculiflora* in damp hollow.
Austroicetes pusilla, *A. vulgaris*

5987. Sav. woodland of very sparse
small-leaved *ovata* (spec.) on steep
stony slope, with *Bucaria* & *Plinthanion*
Stipa pasture. Patch of gorse. Macrotona

5991. Broadmarsh. 5998. Junction with
Midland Highway.

3/11. 6034. Fern tree. 6040 Longley. 6041.

Tasmaniae sp.
Considerably thinned & damaged by fire
from ~~WSF~~ of *obliqua*, globules + a
very narrow-leaved smooth streaky
barked peppermint (spec.) much underfoot
of shrubs 3-5 ft. & young eucos & coarse
grasses. 6052. Knowville. 6057. Franklin.
Tasmaniae sp.
6059. Thinned from *obliqua*, + *A. dealbata* +
A. melanoxylon WSF. with dense shrubs
in places to 10 ft., elsewhere bracken,
blackberry & *Exodes*. Phaul. 6061. Carle
torbes Bay. 6066. Gwavaston. 6073. Greatly
thinned from *obliqua*, with dense

bracken 3-5ft. *Rhynchospora* in adjacent
gully. 6080. Dover. 6083. Strathblane.

Considerably thinned obliqua W. with well-dev. heath, 1-3ft. *Phaul.*

6092. Hastings. 6095. Hastings Caves Chalet.

6098 In. with Catamaran Rd.

6110 Catamaran. Return. 6115. Damp flat
Russalpia albertiae
of button grass & other Cyperaceae, with
shrubs intruding around margins,
leading to thinned obliqua W. with
shrubs to 6ft & bracken.

6124 Hastings ^{2/3} 6272. Ross. 6282. Widely-
Phaulacridium ciliatum, *Austroicetes vulgaris*,
spaced ovata sav. woodland with occ.
Parahettia argillaceus (R), *Minyacris nana*,
Casuarina & *A. dealbata*. *Danthonia*
pasture with patches of *Lomandra* & ~~*Saxifraga*~~

Poa tussocks. Upper part of slope heavy
soil & stony, lower part a fine sand.
Oedaleus australis, *Phaulacridium ciliatum*,
6293. Very small narrow-leaved strappy
Brachycarpha liliifolia, *Ecarna includens*,
peppermint & paraflora, with *A. dealbata*,
Austroicetes vulgaris, *A. frater*, *Minyacris nana*,
& *Bauhinia* sp. 10-15ft. in community
nanum, *Tasmanianis* sp.
intermediate between woodland
similar to shrub woodland. Short

softer sparse *Danthonia*, very
small shrubs (3-6" high, 6-12" diam),
clumps ^{*Lomandra*} ~~scattered~~. 6302. Oak sav,
woodland with *Danthonia* & another
grass 9". *Themeda*, *Poa tussocks* &
Sarcopus in hollow. Phaul. 6310. Cressy.

6320. Bishopstoune. 6323 Little Hampton.

^{*Phaulacridium vittatum, Brachyrama*}
6327. Sav woodland of *pauciflora* &
^{*Leptopernis, Austroicetes vulgaris*}
very small narrow-leaved straggly
peppermint, with *A. dealbata* &c.
Banksia sp. to 10ft. *Themeda* - *Stipa* -
Danthonia pasture 1ft., occ. tussocks

^{~~scattered~~ *Lomandra*}
3/2.
6357 Exeter 6358. ^{*Ecarrina includens, Austroicetes*} considerably thinned
^{*vulgaris*} from DSF(?) of *oata* & *peppermint*,
with regrowth of these spp. & *A. dealbata*.
Patches shrubs to 6ft., mainly *Leptopernis*,
patches *Themeda*, patches bracken.

Phaul. *A. vulgaris*, *Ecarrina*.

6369 Frankford 6372. ^{*Austroicetes vulgaris*} Almost completely
cleared from *oata* & *tea-tree* along small
creek. Dense pasture 1ft., with tall

grasses & apocynaceae in lower-lying
spots. Phaul. 6382. DSF, well-dev.,
~~Gastromargus muscivorus~~, *Phaulacridium vittatum*,
of ul. peppermint; ovata, *umminalis*,
Goniata australasica, *Exocarpus includens*,
with *Casuarina* sp., occ. *Exocarpus* sp.,
Austroicetes vulgaris, *Tasmanianus* sp.
shrubs 1-4 ft., bracken, ~~2~~ *Lomandra* *Gastrom.*

numerous amongst catkins grass &
small shrubs along road. Phaul.
Exocarpus includens

6394 (along road to east of river).
occ. *umminalis*
Thinned & fire-damaged oblique forest,
with *Lomandra*
~~2~~ *Exocarpus*, bracken, ferns, occ. iris.

Phaul.